

Resource Document

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Growth-Conservation Areas Program

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MAY 15, 2001

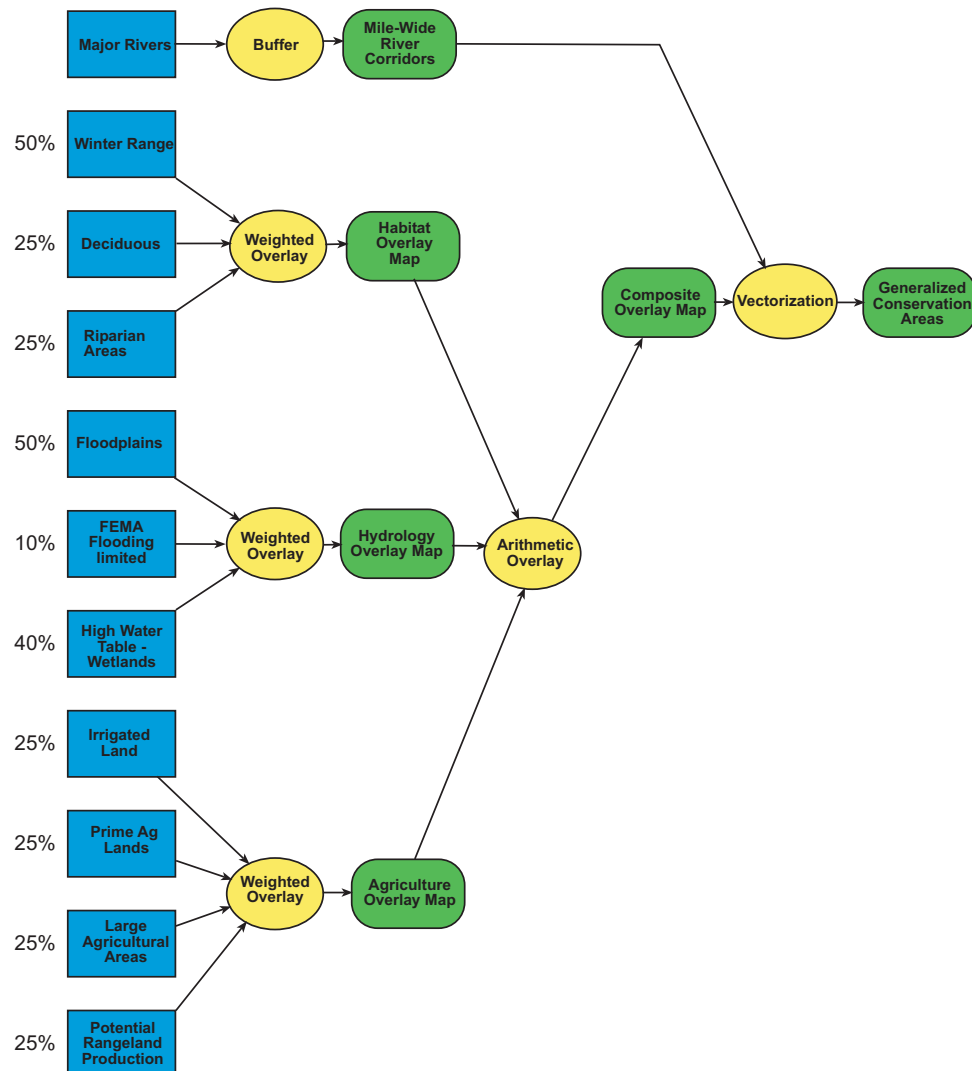
RESOURCE DOCUMENT 5: Growth-Conservation Areas Program Gallatin County Growth Policy “A Shared Vision for a New Century”

5 GROWTH-CONSERVATION AREAS PROGRAM

5.1 CONSERVATION AREAS.

Conservation Areas were designated by modeling GIS information for agriculture, hydrology and wildlife habitat. The model and weighted percentages are shown below. The GIS layers and metadata is found on the following pages. After the Conservation Areas were designated, the areas were generalized to follow section or quarter-section lines, to include holes of less than 640 acres and to eliminated isolated areas of less than 640 acres.

Conservation Areas Model Diagram



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MAP: Agriculture Land Groups

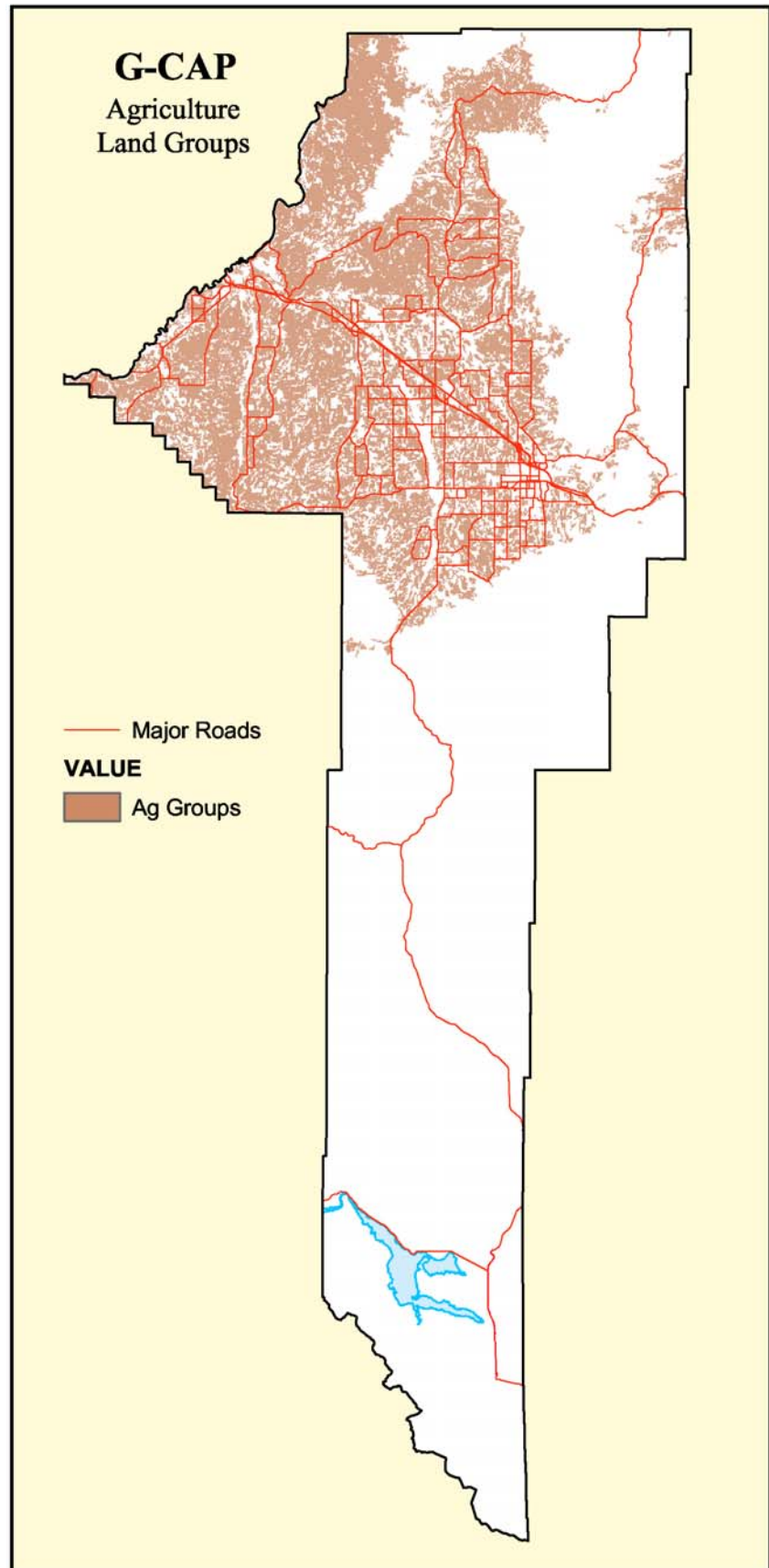
SOURCE: MSU;
Thematic Mapper-
Landsat

ATTRIBUTE USED:
Value

ORIGINAL SCALE:
30m

DATE: Mixed

**COMPOSITE USED
IN:** Agriculture



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MAP: Irrigated Lands
Capability Class

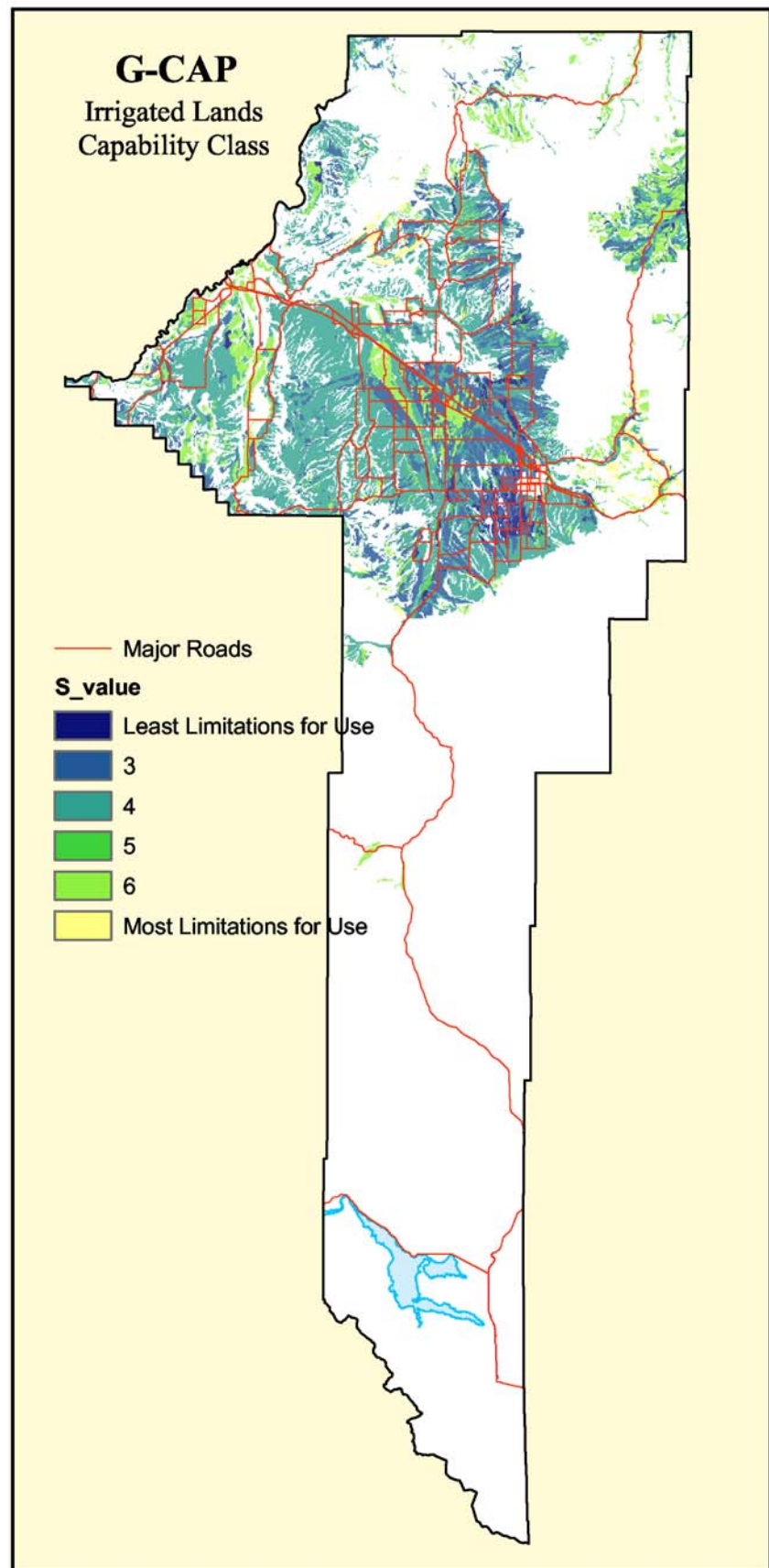
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Clirr

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Agriculture



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MAP: Rangeland
Production Potential

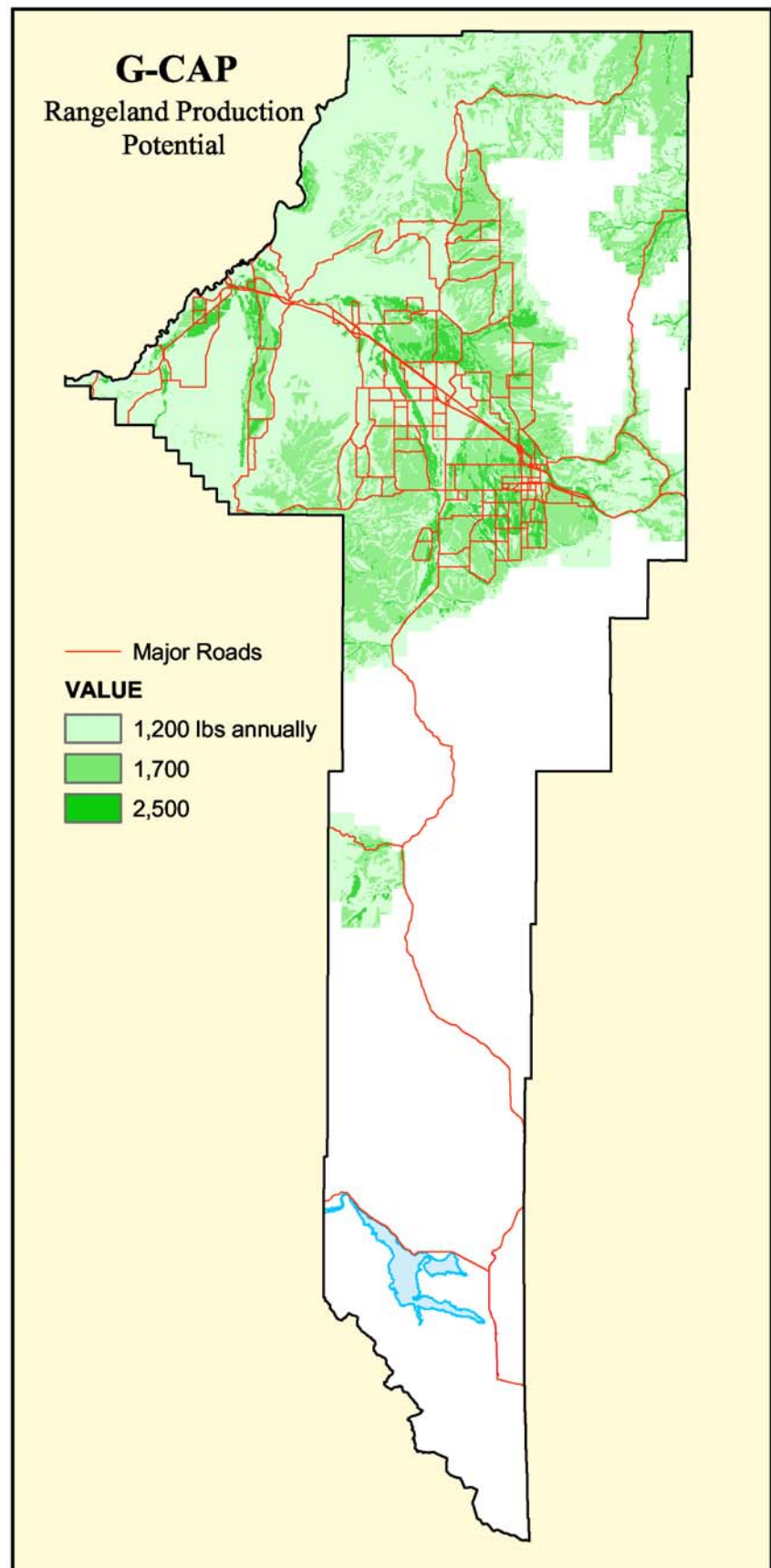
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Rsprod

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Agriculture



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MAP: Prime
Agriculture

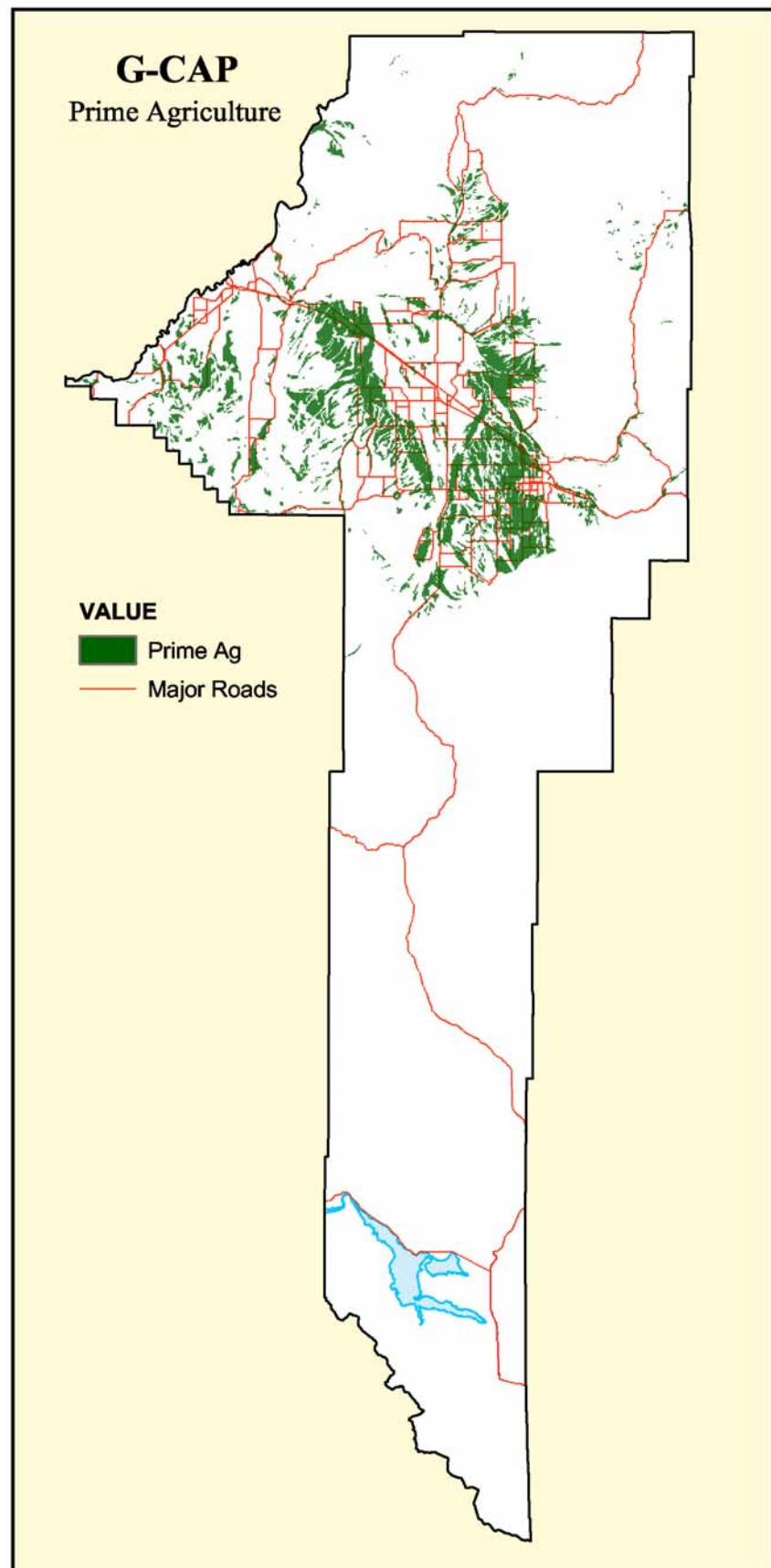
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NRCS

ATTRIBUTE USED:
Primfml

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Agriculture



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MAP: Agriculture
Overlay

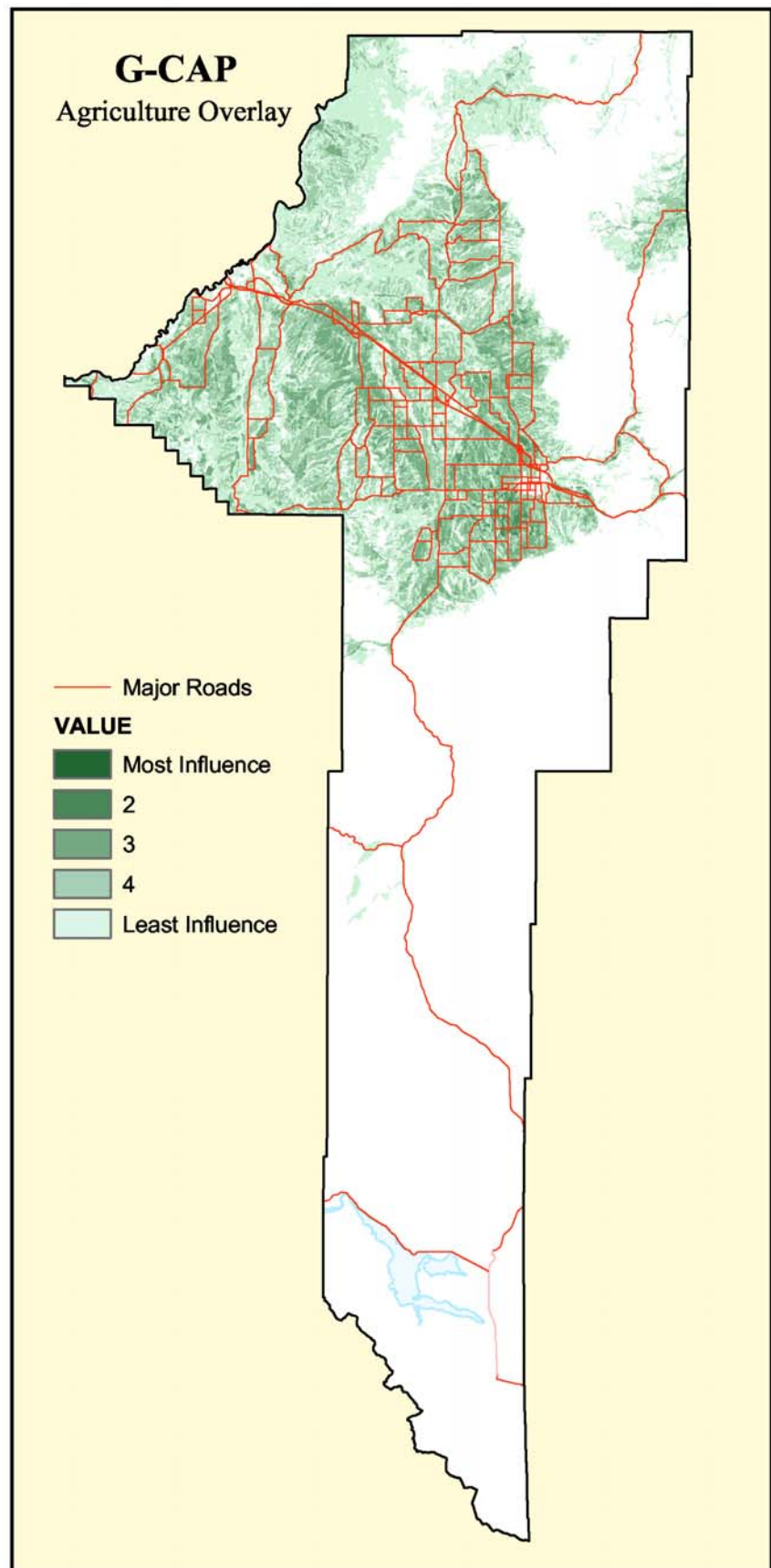
SOURCE: derived

ATTRIBUTE USED:
VALUE

ORIGINAL SCALE:
65m

DATE: 2000

**COMPOSITE USED
IN:** Conservation Area



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MAP: Water Table
Depth

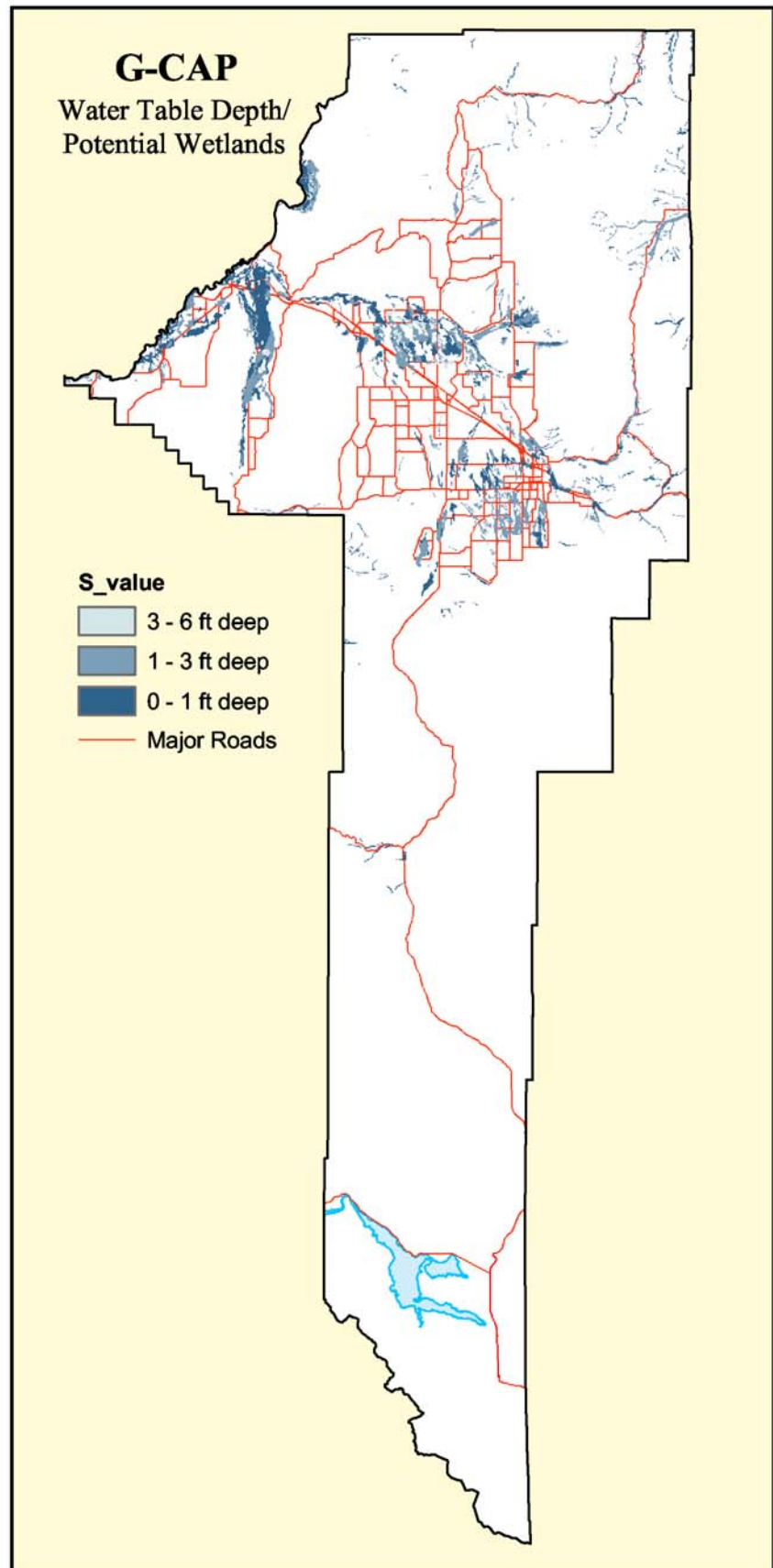
SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Drainage

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Hydrology



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MAP: Flooding - FEMA

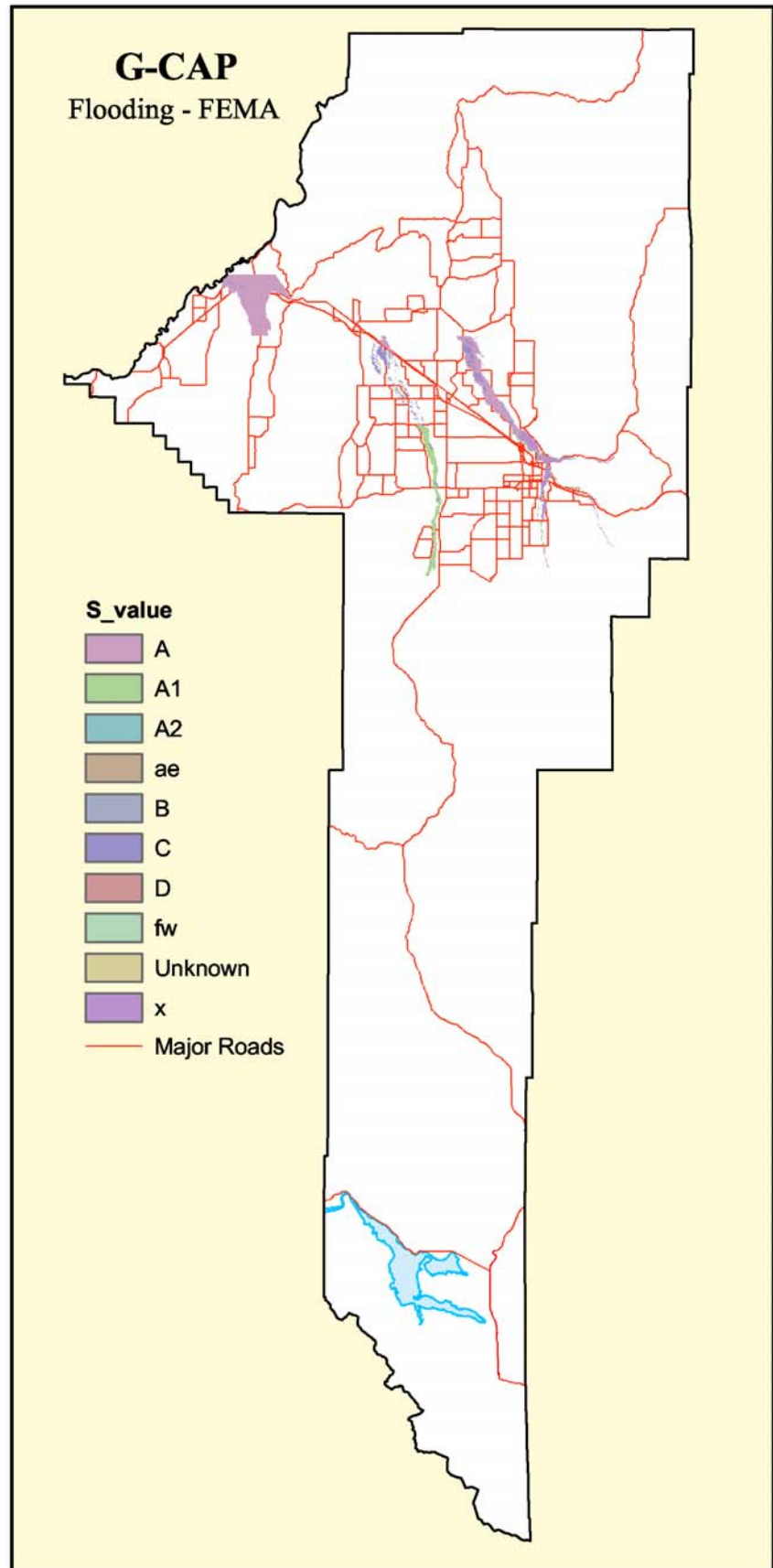
SOURCE: MSU;
FEMA

ATTRIBUTE USED:
Zone

ORIGINAL SCALE:
1:400

DATE: 1997

**COMPOSITE USED
IN:** Hydrology



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MAP: Floodplains

SOURCE: SSURGO-
NRCS

ATTRIBUTE USED:
Landfmlo

ORIGINAL SCALE:
1:24k

DATE: 1998

**COMPOSITE USED
IN:** Hydrology

